

IN THE SPECIFICATION:

Pursuant to 37 C.F.R. §§ 1.121 and 1.125 (as amended to date) please enter the substitute specification in clean form and including paragraph numbers [0001] through [0117], as well as the References and Abstract attached hereto as Appendix A. A marked-up substitute specification to clearly identify amendments to the specification as required by 37 C.F.R. § 1.121(b)(3)(iii) is attached hereto as Appendix B. It is respectfully submitted that the substitute specification does not introduce new matter into the above-referenced patent application.

Please also insert the enclosed substitute Sequence Listing after page 54 of the as amended specification.

IN THE CLAIMS:

Please enter the substitute claim sheets in clean form and including claims 1-17 attached hereto as Appendix C. A marked-up version of the claims with markings to clearly identify amendments to the claims is attached hereto as Appendix D and is entitled "Version with Markings to Show Changes Made". It is respectfully submitted that the substitute claims do not introduce new matter into the above-referenced patent application.